

**Listing of Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-64. (Cancelled).

65. (Previously presented) An isolated botulinum toxin type A comprising an amino acid sequence of which all or part of a leucine based motif of SEQ ID NO: 2 is deleted, wherein the deletion decreases a half-life of the botulinum toxin type A.

66. (Previously presented) The botulinum toxin type A of claim 65 wherein the leucine based motif is SEQ ID NO: 7.

67. (Previously presented) The botulinum toxin type A of claim 65 wherein the toxin is recombinantly produced.

68-71. (Canceled)

72. (Currently amended) An isolated botulinum toxin type A comprising an amino acid sequence having a leucine based motif of SEQ ID NO: 2 in addition to a naturally-occurring leucine based motif of the toxin, wherein the ~~addition~~ additional leucine based motif of SEQ ID NO: 2 increases a the half-life of the botulinum toxin type A.

73. (Previously presented) The botulinum toxin type A of claim 72 wherein the leucine based motif added to the botulinum toxin type A is selected from the group consisting of SEQ ID NO: 7, SEQ ID NO: 10 and SEQ ID NO: 12.

74. (Previously presented) The botulinum toxin type A of claim 72 wherein the toxin is recombinantly produced.

75-77. (Canceled)

78. (Currently amended)      The botulinum toxin type A of claims 65, 66 or 67 wherein all of the leucine based motif of SEQ ID NO: 2 is deleted.